

## WHAT IS CLAIMED IS:

1. An engine starter comprising:
  - a casing;
  - 5 a cushion mounted inside said casing, said cushion having an axially extended center through hole;
  - a driven bevel gear mounted inside said casing, said driven bevel gear having a polygonal center through hole axially aligned with the axially extended center through hole of said cushion;
  - 10 a driving bevel gear mounted in said casing and meshed with said driven bevel gear, said driving bevel gear having a polygonal coupling hole disposed at one side thereof outside said casing and a coupling rod axially disposed at an opposite side thereof opposite to said polygonal coupling hole;
  - a locating block mounted on the coupling rod of said driving bevel gear
  - 15 inside said casing;
  - a locating cap fixedly fastened to said casing to hold said driving bevel gear inside said casing for enabling said driving bevel gear to be rotated relative to said locating cap; and
  - a cover plate covered on said casing to hold said cushion, said driven bevel
  - 20 gear, said driving bevel gear, said locating block and said locating cap in place.
2. The engine starter as claimed in claim 1, wherein said locating block is a flat block having a semicircular notch disposed at one side thereof and forced into engagement with the coupling rod of said driving bevel gear.
3. The engine starter as claimed in claim 1, wherein said locating cap is a
- 25 polygonal cap fitted into a polygonal hole at said casing.

4. The engine starter as claimed in claim 1, wherein said casing has two sliding grooves symmetrically disposed at two sides; said cover plate has two sliding rails symmetrically disposed at two sides and respectively inserted into said sliding grooves in said casing.

5